



Meeting Minutes

West Central Phoenix Water Quality Assurance Revolving Fund (WQARF) Site Community Advisory Board Meeting

Monday, May 10, 2004
6:00 p.m. to 8:00 p.m.
John F. Long Family Services Center
3454 N. 51st Avenue, Phoenix, Arizona

MINUTES

Deleted: DRAFT

Ref: PIOU #05-001

CAB members present: Mary Bettis, Martha Garcia, Paul Holzer, Donn Stoltzfus

Members absent: none

ADEQ Staff in attendance: Ana Vargas, Project Manager; Joey Pace, Hydrologist; Monica Mascareno, Community Involvement Coordinator

Members of the public present: Gail Clement

The meeting began at 6:05 p.m.

The following matters were discussed, considered, and decided upon at the meeting:

1. Call to Order / Introductions

Monica Mascareno, ADEQ Community Involvement Coordinator, welcomed everyone to the meeting. Each CAB and audience member present at the meeting introduced themselves.

2. Acceptance and / or Changes to November 4, 2003 Minutes

Martha Garcia, CAB member, moved to accept the minutes as written from November 4, 2003. Paul Holzer, CAB member, seconded the motion to accept the minutes. The motion was unanimously passed.

3. Discussion on CAB Membership

Ms. Mascareno announced that Tawni Casteel resigned from the CAB before the previous meeting, and more recently, Dr. Mary Radcliffe, former Co-Chair, also resigned.

Ms. Mascareno presented a draft newsletter for the WCP site area to create interest and to solicit new CAB membership. This brief fact sheet would be sent to the current WCP mailing list. She requested that the CAB look over the draft and forward any comments to either herself, or Ana Vargas, ADEQ Project Manager.

Ms. Garcia, volunteered to inform the Maryvale Village Block Watch Alliance, at their meeting the following Thursday, about the need for CAB membership, and she volunteered to email the mailing list to ADEQ.

4. Discussion and Voting on new CAB Co-Chairs.

Mary Bettis, CAB member, nominated Martha Garcia to serve as CAB Co-Chair, and Don Stoltzfus, CAB member, seconded the motion. The motion was unanimously passed and Ms. Garcia was declared CAB Co-Chair.

Ms. Garcia nominated Donn Stoltzfus to serve as CAB Co-Chair, and Ms. Bettis seconded the motion. The motion was unanimously passed and Mr. Stoltzfus was declared CAB Co-Chair.

5. Signing of CAB Charter by Co-Chairs.

Ms. Mascareno summarized that at the last meeting, the CAB discussed making some changes to the charter regarding the length of the term of service for CAB Co-chairs, repository locations, and other topics. Ms. Mascareno suggested that a discussion be held on whether to make any additional changes to the charter, or to accept it as revised.

Mr. Stoltzfus suggested that the descriptions of the repositories in the charter be generalized, so as to not have to frequently update the charter. He motioned to simply describe in the charter that the repositories are located in a City of Phoenix Public Library, at ADEQ, and that CAB meeting minutes are made available on the website. Ms. Garcia seconded the motion. The motion was unanimously passed.

Ms. Mascareno will make the necessary changes, and the charter should be signed at the next CAB meeting.

6. Brief Review of Current Status and Activities at the West Central Phoenix, West Grand Avenue site (Project Manager: Ana Vargas). Ms. Vargas distributed a handout of her slide show presentation.

The draft Remedial Investigation report for WCP West Grand Avenue was issued on January 30, 2004, and the public notice announcing a 30-day comment period for the report was published in the *Arizona Republic* and in Spanish, in the *Prensa Hispana*, in February of 2004. A copy of the notice was mailed to the WCP mailing list. ADEQ did not receive comments from the public on the report.

Ms. Vargas briefly reviewed the background on the Layke Facility, which is identified as the source of groundwater contamination at that particular site. The Layke Facility, a manufacturer of various aerospace metal parts, began using solvents like TCE in 1967, which is used in a vapor degreaser for metal parts. PCE was reportedly only used in 1982, and TCA was used from 1983 to 1988.

ADEQ conducted investigation activities for the WCP WGA site (including the Layke Facility) between 1989 and 2002. Those investigations related to soil and soil-gas, and included installations of monitoring wells and groundwater sampling. As part of an early response action, Layke independently installed a soil vapor extraction (SVE) system in March of 1994. The SVE system operated until 1998.

As part of her slide show, Ms. Vargas presented an updated map of the WGA site depicting the previous and current locations of the contamination at the WGA site.

Ms. Vargas indicated that the draft remedial investigation (RI) report describes the results of eleven years of investigation at the site. The following are a few key results:

- The source of the soil and groundwater contamination at the WGA site was the former under ground storage tank (UST) located at the Layke Facility.
- The PCE and TCE contamination found in the soil beneath the UST exceeded Soil Remediation Levels (SRLs) and Groundwater Protection Levels (GPLs); remediation of the soil became necessary.
- Layke operated an SVE system from March 1995 until 1998 to remediate the PCE and TCE contamination beneath the UST. Data from soil samples conducted around the former UST between 2001 and 2002 helped determine the effectiveness of the SVE system; they indicated that the system had effectively remediated the soil.
- TCE was the only contaminant found in the groundwater at the WGA site at levels above the Arizona Aquifer Water Quality Standard of 5µg/L. The extent of the area contaminated with TCE in the WGA site has been defined, and it will help determine the appropriate cleanup actions needed for the site. The depth of the contamination will likely be characterized during the feasibility study (FS), which should further help select remedial actions for the site.

Ms. Garcia inquired about the source of drinking water in Phoenix. Ms. Vargas reassured Ms. Garcia that the drinking water in Phoenix primarily comes from surface water, and the groundwater that is utilized for drinking water is not coming from the WCP site area; all wells in the WCP area have been shut down. Mr. Stoltzfus added that 93 or 94 percent of drinking water comes from Central Arizona Project or Salt River Project surface water.

As part of her slide show, Ms. Vargas presented a series of pictures illustrating the changes in the WGA site contamination plume from 1996 through 1999.

7. Solicitation and Consideration of Proposed Remedial Objectives (ROs) for the WCP WGA site, pursuant to R18-16-406(I)

Ms. Vargas presented an overview of the process of establishing ROs, and its role in the selection of the remedy for the site. The method of remediation that is selected must abide by what is described in the ROs. The ROs are designated with consideration of the foreseeable uses of the land and the water at the site.

After the RI, ADEQ holds one or more public meetings to discuss the site and to determine the ROs. ADEQ invites land owners, local governments, water providers, and the public to discuss the current contamination status of the soil and water, and their possible uses. ADEQ prepares an RO report that lists the proposed uses, and time frames of actions to protect or provide for the use of the soil and water.

Ms. Vargas continued by explaining some details of the land and the groundwater in the WGA site that are pertinent to proposing remedial objectives. She explained that the WGA area is zoned as being industrial or light industrial, and that this classification will not likely change in the future.

Ms. Vargas re-stated that the soil has been remediated at the Layke facility to meet the standards required by law. This site may not require further remediation, so a remedial objective associated with the Layke facility may not apply.

Ms. Vargas added that the City of Phoenix (COP) is not currently considering the area for future well development. Ms. Vargas suggested that a possible remedial objective for the future, on behalf of the COP could be to restore, replace, or otherwise provide for the COP water supply if the COP needs water in the vicinity of the WCP WGA site. Based on COP information, this action would not be needed prior to the year 2017.

Ms. Vargas re-iterated that there are no official remedial objectives at the moment, and she is merely offering different suggestions to initiate discussion about possible remedial objectives of the site at this meeting.

Ms. Vargas added that no Salt River Project (SRP) wells are affected by the contamination at the WGA site. Two SRP wells that are close to the site are located cross gradient, or outside, and not in the path of the direction of the contamination. Ms. Vargas suggested that a possible remedial objective on behalf of SRP could be that the water in the site be restored, replaced, or otherwise provided by an alternative source, should the use of the wells be lost in the future, due to changes in the groundwater flow direction. She added that a change in the groundwater flow is not foreseen.

Ms. Vargas described another water user in the area as being Danone Water Co., formerly Crystal Bottled Water, who has a production well in the area. The water pumped by Danone is from a much deeper aquifer than where the WGA site's contamination is found, and it's not foreseeable that the well would be affected by that contamination. If that aquifer should become contaminated, it will most likely be from a separate source. Ms. Vargas suggested that a possible remedial objective for the future, on behalf of Danone, could be that the water from this well be protected, replaced, or otherwise provided for by an alternative source, should the use of the

Danone Water Co. well be lost in the future, due to contamination of the deeper aquifer. Ms. Vargas re-iterated that contamination of the deeper aquifer is not foreseeable.

Ms. Vargas described another water user in the area as being the Michigan Trailer Park, which is located cross gradient from the WGA site. By their own choice, this trailer park is not connected to the city water system. They have their own water well which is located northwest and out of the pathway of the contamination. Ms. Vargas suggested that a possible remedial objective on behalf of Michigan Trailer Park could be that the groundwater in the site be protected, replaced, or otherwise provided by an alternative source, should the use of the Michigan Trailer Park drinking water well be lost in the future, due to changes in groundwater flow. Ms. Vargas re-iterated that a change in the direction of the groundwater flow is not foreseeable.

As an appendix to the draft RI report for the WCP WGA site, ADEQ has also issued the Land & Water Use Report to meet the requirements under Arizona law. Ms. Vargas summarized some key points in this report:

- The zoning pattern in the Layke Facility property and the WCP WGA site area has been established as industrial or light industrial, and it is not foreseeable that this will change.
- The COP anticipates a need for additional drinking water wells in the WCP area sometime in the future. However, based on an evaluation by the COP, the WGA site area does not qualify as suitable for future well development.
- SRP owns several irrigation wells in the WGA site area and will continue to need operational wells to supplement surface water supplies. SRP has indicated that a water treatment plan may be built on the Grand Canal sometime in the future, which would change the use of the groundwater from irrigation to drinking water, and therefore affect the remedial objective.
- The Michigan Trailer Park is expected to continue to use their well to provide drinking water to the residents.
- Danone Water is expected to continue to use their well in their bottling operations.

Formatted: Not Highlight

Ms. Vargas explained that ADEQ will now consider the input from the public to determine the future remediation activities (and their time frames) for the WGA site, so that all the users affected by the contamination are able to continue to use their land and their water.

Ms. Vargas encouraged Mr. Stoltzfus, of the COP, to formally submit suggestions or comments regarding the ROs.

Comment [mm1]: Would you like for me to modify or just omit this highlighted part?

8. Call to the Public

Gail Clemment, audience member, asked if other contaminants of concern that are present in the groundwater, either ambient or agricultural nitrates, are considered when developing ROs for this site. Ms. Vargas responded that she believed that all contaminants of concern that are identified during an investigation are considered for developing the ROs.

Deleted: ¶
In response to Mr. Stoltzfus' suggestion that a contingency plan be included when finalizing the remedial objectives that would perhaps limit the uses...?, Ms. Vargas responded that the ROs are very specific on alternative (sources). She als

Deleted: o

Deleted: Ms. Vargas could not confirm if nitrates could be considered during the RO process

Formatted: Highlight

Deleted: ¶

Ms. Clemment inquired if there are other WQARF sites that have gone through the process of selecting ROs. Ms. Vargas named a few examples of WQARF sites that have gone through or are going through this process: Vulture Mill, Payson PCE, Estes landfill, and East Washington Fluff.

Ms. Vargas added that she and Ms. Mascareno are working on developing a web page for the West Central Phoenix sites that would display various milestone reports for those sites.

9. Future Meeting Plans / Agenda Discussion

Ms. Vargas suggested that the next meeting be held after the release of the draft RI report for the WCP East Grand Avenue site, which would be around July, 2004.

In response to Mr. Stoltzfus' inquiry about how the public meetings for draft RI reports are announced to the public, Ms. Vargas explained that a public notice is published in the *Arizona Republic*, and in Spanish, in the *Prensa Hispana*, and a copy of the draft RI notice is sent to the voluntary mailing list for the WCP site, which consists of over 300 names and addresses.

The CAB agreed to wait until the release and notice of the next WCP site draft RI report to determine the next meeting date, around the end of July, 2004.

10. Adjournment

Ms. Garcia moved to adjourn the meeting. Mr. Stoltzfus seconded the motion. The meeting was adjourned at 7:10 p.m.